

Hydro. 5711-5758

Sept. 2 - 5, 1914



Hydro. 5711-5758

Sept. 2-5, 1914

11  
Dredge No. 5710 Date, Sept 2, 1924.

Hydrog. TN Reel TN Shot 32 Leads lbs.

Turns Cor'n Depth 42 fms.

Sdg. Cup Graining Amt. Bot'm Sample

Character of Bottom Hard & Hard Pan

Thermom. { Make Cor'n { Instr. No. Cor'n Stem.

Bottom Reading Cor'd Temp. fms.

Temp. Surf. { 49 Time 11.33 } Air { 56 Time

Density: Surf. fms.

Wind: Direction S E Force 1

Baromet. 30.15 Amt. of Clouds 10 State of Sea G

Weather C C

Direction and Force of Current. { Surface  
Bottom

Tide.

General Locality Oregon Coast

Position Yaquina Light bears N 45° E (true) distant 14.8 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Slick Recorder C. Cook  
11-1023

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
M. DOWN.	UP. <i>A</i> M.		M. DOWN.	UP. <i>A</i> M.	
11 33	11 35	0			
		100			
		200			
		300			
		400			
		500			
		600			
		700			
		800			
		900			
		1000			
		1100			
		1200			
		1300			
		1400			
		1500			
		1600			
		1700			
		1800			
		1900			
		2000			
		2100			
		2200			
		2300			
		2400			
		2500			
		2600			
		2700			
		2800			
		2900			
		3000			
		3100			
		3200			
		3300			
		3400			
		3500			
		3600			
		3700			
		3800			
		3900			
		4000			
		4100			
		4200			
		4300			
		4400			
		4500			
		4600			
		4700			
		4800			
		4900			

✓  
Dredge } No. 5711 Date, Sept 2, 1914  
Hydrog. }  
Sdg. Mch. TN Reel TN Shot 32 lbs.  
Turns Cor'n Depth 42 fms.  
Sdg. Cup Dredging Amt. Bot'm Sample  
Character of Bottom grey sand

Thermom. { Make Cor'n { Instr.  
No. Cor'n Stem.

Bottom Reading 49 Cor'd Temp.  
Temp. Surf. { Time 11:45 } Air { 56  
Time

Density: Surf. fms.  
Wind: Direction NNE Force 1

Baromet. 30.15 Amt. of Clouds 10 State of Sea 8

Weather OC

Direction and Force of Current. { Surface  
Bottom

Tide

General Locality Oregon Coast

Position Yaquina Light bears N 42° E, <sup>(true)</sup> distant 19.9 miles  
Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder Clark

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
A	M. DOWN.	UP. .... M.		M. DOWN.	UP. .... M.	
11	45	11 46 30	0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

13  
Dredge No. 5712 Date, Sept 2, 1914  
Hydrog. No. TK Reel 77 Shot Lead 32 lbs.  
Sdg. Mch. 79 Cor'n Depth 42 fms.  
Sdg. Cup Amt. Bot'm Sample  
Character of Bottom gy S

Thermom. { Make Instr.  
No. Cor'n Stem.

Bottom Reading Cor'd Temp.  
Temp. Surf. { Time Air  
Time

Density: Surf. fms.

Wind: Direction S E Force 1

Baromet. 30.15 Amt. of 10 State of Sea G

Weather 0.

Direction and Force { Surface  
of Current. Bottom

Tide

General Locality Oregon Coast

Position Yaquina Light bears N 39° E (true) distant 20.0 miles

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder Frank -  
11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
11 55 40	11 57 20		0			
11 56 15	11 56 25		100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

14.

Breadge } No. 5713 Date, Sep. 2d, 1914  
Hydrog. } TNSdg. Mch. TN Reel TN Shot } 32 lbs.  
Lead }

Turns 5 Cor'n Depth 29 fms.

Sdg. Cup Sizing. Amt. Bot'm Sample

Character of Bottom gy S

Thermom. { Make Cor'n { Instr.  
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time } Air {  
Time

Density: Surf. fms.

Wind: Direction SE Force 1

Baromet. 30.15 Amt. of Clouds 10 State of Sea G

Weather 3.

Direction and Force of Current. { Surface  
Bottom

Tide

General Locality Oregon Coast.

Position Yaquina Light bears N53°E (true) distant 5.8 miles

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Mahoney Recorder Frontal -  
11-1023



15.

Driftin' No. 5716 Date, Sept. 19, 1911  
 Hydrog. No. 775 Reel 775 Shot 2 lbs.  
 Sdg. Mech. 775 Shot Letd  
 Turns 62 Cor'n Depth 33 fms.  
 Sdg. Cup Aiming Amt. Bot'm Sample  
 Character of Bottom - 84 S

Thermom. { Make 61 Cor'n { Instr. 61  
 No. Stem

Bottom Reading Cor'd Temp.

Temp. Surf. { Time } Air {  
 Time

Density: Surf. fms.

Wind: Direction S.E. Force 1

Baromet. 30.15 Amt. of Clouds 9 State of Sea G

Weather Fog

Direction and Force { Surface  
 of Current. { Bottom

Tide

General Locality Ocean

Position Yaguina Light bears N 62° E (true) distance 6.4 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul Bottom

Apparatus and Rig used Outer Drift: 10 fms. a  
line.

Remarks: Towed 10 fms. with 100 fms. cable

Deck Officer Recorder  
 11-1023

## SOUNDING WIRE.

M. DOWN.	UP.	M.
157 00	158 10	
157 10	157 45	33

## FMS.

0	0	
100	2 00	00
200		
300		
400		
500		
600		
700		
800		
900		
1000		
1100		
1200		
1300		
1400		
1500		
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1700		
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2700		
2800		
2900		
3000		
3100		
3200		
3300		
3400		
3500		
3600		
3700		
3800		
3900		
4000		
4100		
4200		
4300		
4400		
4500		
4600		
4700		
4800		
4900		

## DREDGING CABLE.

M. DOWN.	UP.	M.
2 00	2 00	
2 00	1 00	00

16.

Hydrog. No. 5715 Date, Sep. 2, 1914  
 Sdg. Mch. T.T. Reel TN Shot 3.2 lbs.  
 Turns 72 Cor'n. Depth 44 fms.  
 Sdg. Cup Amt. Bot'm Sample  
 Character of Bottom Cor'n. by S.

Thermom. { Make Cor'n { Instr.  
 No. \_\_\_\_\_ Stem.

Bottom Reading Cor'd. Temp.  
 Temp. Surf. { Time \_\_\_\_\_ } Air {  
 Time \_\_\_\_\_ }

Density: Surf. fms.

Wind: Direction S.E. Force 1  
 Baromet. 30.1 Amt. of Clouds 3 State of Sea G.

Weather

Direction and Force of Current { Surface  
 of Current. Bottom

Tide

General Locality Oregon Coast

Position Yaquina Light bears N 77 1/2 E (true) distant 8 miles

Chart used: No. 6000 Ed'n 1

Drift: Direction Distance

Depth of Haul Bottom

Apparatus and Rig used

1000 ft. of 1/2 in. cable, 3 fathoms

Time towing h. 19 m.  
 Remarks: Towed 120 fathoms cable

Deck Officer Mr. Malone Recorder Frank J. 11-1023

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
M.	DOWN.	UP.	M.		M.	DOWN.	UP.	M.
259	25	2	01 20	0	3	07 25	3 30 00	
300	10	2	00 15	100	2	05 30	2 25 00	
				120	200	06 00	2 25 00	
				300				
				400				
				500				
				600				
				700				
				800				
				900				
				1000				
				1100				
				1200				
				1300				
				1400				
				1500				
				1600				
				1700				
				1800				
				1900				
				2000				
				2100				
				2200				
				2300				
				2400				
				2500				
				2600				
				2700				
				2800				
				2900				
				3000				
				3100				
				3200				
				3300				
				3400				
				3500				
				3600				
				3700				
				3800				
				3900				
				4000				
				4100				
				4200				
				4300				
				4400				
				4500				
				4600				
				4700				
				4800				
				4900				

17.  
Deck Officer Hydrog. No. 5716 (1) Date, Sept. 6, 1914  
Sdg. Mech. Reel 771 Shot Leads 3 lbs.  
Turns 6 Cor'n Depth 34 fms.  
Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom. Soggy sand  
Thermom. { Make Cor'n { Instr.  
No. Cor'n Stem.

Bottom Reading Cor'd. Temp.  
Temp. Surf. { 54° Time 4:20 P.M. Air { 57°  
Time

Density: Surf. fms.

Wind: Direction S.E. Force 2  
Baromet. 30. Amt. of Clouds 6 State of Sea

Weather Very

Direction and Force { Surface  
of Current. Bottom

Tide

General Locality Ocean

Position Yaguma Light bears S84°E (true) distant

Chart used: No. 6000 Ed'n 5.1 miles

Drift: Direction Distance

Depth of Haul bottom

Apparatus and Rig used 9' D. 12' L.

15' wire, 2 turn 1/2 turn, 1/2 turn

15' wire, 3 turns 1/2 turn

Time towing h. m.

Remarks: 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 609. 610. 611. 612. 613. 614. 615. 616. 617. 617. 618. 619. 619. 620. 621. 622. 623. 624. 625. 626. 627. 627. 628. 629. 629. 630. 631. 632. 633. 634. 635. 636. 637. 637. 638. 639. 639. 640. 641. 642. 643. 644. 645. 646. 646. 647. 648. 648. 649. 649. 650. 651. 652. 653. 654. 655. 656. 656. 657. 658. 658. 659. 659. 660. 661. 662. 663. 664. 665. 666. 666. 667. 668. 668. 669. 669. 670. 671. 672. 673. 674. 675. 676. 676. 677. 678. 678. 679. 679. 680. 681. 682. 683. 684. 685. 686. 686. 687. 688. 688. 689. 689. 690. 691. 692. 693. 694. 695. 696. 696. 697. 698. 698. 699. 699. 700. 701. 702. 703. 704. 705. 706. 706. 707. 708. 708. 709. 709. 710. 711. 712. 713. 714. 715. 716. 716. 717. 718. 718. 719. 719. 720. 721. 722. 723. 724. 725. 726. 726. 727. 728. 728. 729. 729. 730. 731. 732. 733. 734. 735. 736. 736. 737. 738. 738. 739. 739. 740. 741. 742. 743. 744. 745. 746. 746. 747. 748. 748. 749. 749. 750. 751. 752. 753. 754. 755. 756. 756. 757. 758. 758. 759. 759. 760. 761. 762. 763. 764. 765. 766. 766. 767. 768. 768. 769. 769. 770. 771. 772. 773. 774. 775. 776. 776. 777. 778. 778. 779. 779. 780. 781. 782. 783. 784. 785. 786. 786. 787. 788. 788. 789. 789. 790. 791. 792. 793. 794. 795. 796. 796. 797. 798. 798. 799. 799. 800. 801. 802. 803. 804. 805. 806. 806. 807. 808. 808. 809. 809. 810. 811. 812. 813. 814. 815. 816. 816. 817. 818. 818. 819. 819. 820. 821. 822. 823. 824. 825. 826. 826. 827. 828. 828. 829. 829. 830. 831. 832. 833. 834. 835. 836. 836. 837. 838. 838. 839. 839. 840. 841. 842. 843. 844. 845. 846. 846. 847. 848. 848. 849. 849. 850. 851. 852. 853. 854. 855. 856. 856. 857. 858. 858. 859. 859. 860. 861. 862. 863. 864. 865. 866. 866. 867. 868. 868. 869. 869. 870. 871. 872. 873. 874. 875. 876. 876. 877. 878. 878. 879. 879. 880. 881. 882. 883. 884. 885. 886. 886. 887. 888. 888. 889. 889. 890. 891. 892. 893. 894. 895. 896. 896. 897. 898. 898. 899. 899. 900. 901. 902. 903. 904. 905. 906. 906. 907. 908. 908. 909. 909. 910. 911. 912. 913. 914. 915. 916. 916. 917. 918. 918. 919. 919. 920. 921. 922. 923. 924. 925. 926. 926. 927. 928. 928. 929. 929. 930. 931. 932. 933. 934. 935. 936. 936. 937. 938. 938. 939. 939. 940. 941. 942. 943. 944. 945. 946. 946. 947. 948. 948. 949. 949. 950. 951. 952. 953. 954. 955. 956. 956. 957. 958. 958. 959. 959. 960. 961. 962. 963. 964. 965. 966. 966. 967. 968. 968. 969. 969. 970. 971. 972. 973. 974. 975. 976. 976. 977. 978. 978. 979. 979. 980. 981. 982. 983. 984. 985. 986. 986. 987. 988. 988. 989. 989. 990. 991. 992. 993. 994. 995. 996. 996. 997. 998. 998. 999. 999. 1000. 1001. 1002. 1003. 1004. 1005. 1006. 1006. 1007. 1008. 1008. 1009. 1009. 1010. 1011. 1012. 1013. 1014. 1015. 1016. 1016. 1017. 1018. 1018. 1019. 1019. 1020. 1021. 1022. 1023. 1024. 1025. 1026. 1026. 1027. 1028. 1028. 1029. 1029. 1030. 1031. 1032. 1033. 1034. 1035. 1036. 1036. 1037. 1038. 1038. 1039. 1039. 1040. 1041. 1042. 1043. 1044. 1045. 1046. 1046. 1047. 1048. 1048. 1049. 1049. 1050. 1051. 1052. 1053. 1054. 1055. 1056. 1056. 1057. 1058. 1058. 1059. 1059. 1060. 1061. 1062. 1063. 1064. 1065. 1066. 1066. 1067. 1068. 1068. 1069. 1069. 1070. 1071. 1072. 1073. 1074. 1075. 1076. 1076. 1077. 1078. 1078. 1079. 1079. 1080. 1081. 1082. 1083. 1084. 1085. 1086. 1086. 1087. 1088. 1088. 1089. 1089. 1090. 1091. 1092. 1093. 1094. 1095. 1096. 1096. 1097. 1098. 1098. 1099. 1099. 1100. 1101. 1102. 1103. 1104. 1105. 1106. 1106. 1107. 1108. 1108. 1109. 1109. 1110. 1111. 1112. 1113. 1114. 1115. 1116. 1116. 1117. 1118. 1118. 1119. 1119. 1120. 1121. 1122. 1123. 1124. 1125. 1126. 1126. 1127. 1128. 1128. 1129. 1129. 1130. 1131. 1132. 1133. 1134. 1135. 1136. 1136. 1137. 1138. 1138. 1139. 1139. 1140. 1141. 1142. 1143. 1144. 1145. 1146. 1146. 1147. 1148. 1148. 1149. 1149. 1150. 1151. 1152. 1153. 1154. 1155. 1156. 1156. 1157. 1158. 1158. 1159. 1159. 1160. 1161. 1162. 1163. 1164. 1165. 1166. 1166. 1167. 1168. 1168. 1169. 1169. 1170. 1171. 1172. 1173. 1174. 1175. 1176. 1176. 1177. 1178. 1178. 1179. 1179. 1180. 1181. 1182. 1183. 1184. 1185. 1186. 1186. 1187. 1188. 1188. 1189. 1189. 1190. 1191. 1192. 1193. 1194. 1195. 1196. 1196. 1197. 1198. 1198. 1199. 1199. 1200. 1201. 1202. 1203. 1204. 1205. 1206. 1206. 1207. 1208. 1208. 1209. 1209. 1210. 1211. 1212. 1213. 1214. 1215. 1216. 1216. 1217. 1218. 1218. 1219. 1219. 1220. 1221. 1222. 1223. 1224. 1225. 1226. 1226. 1227. 1228. 1228. 1229. 1229. 1230. 1231. 1232. 1233. 1234. 1235. 1236. 1236. 1237. 1238. 1238. 1239. 1239. 1240. 1241. 1242. 1243. 1244. 1245. 1246. 1246. 1247. 1248. 1248. 1249. 1249. 1250. 1251. 1252. 1253. 1254. 1255. 1256. 1256. 1257. 1258. 1258. 1259. 1259. 1260. 1261. 1262. 1263. 1264. 1265. 1266. 1266. 1267. 1268. 1268. 1269. 1269. 1270. 1271. 1272. 1273. 1274. 1275. 1276. 1276. 1277. 1278. 1278. 1279. 1279. 1280. 1281. 1282. 1283. 1284. 1285. 1286. 1286. 1287. 1288. 1288. 1289. 1289. 1290. 1291. 1292. 1293. 1294. 1295. 1296. 1296. 1297. 1298. 1298. 1299. 1299. 1300. 1301. 1302. 1303. 1304. 1305. 1306. 1306. 1307. 1308. 1308. 1309. 1309. 1310. 1311. 1312. 1313. 1314. 1315. 1316. 1316. 1317. 1318. 1318. 1319. 1319. 1320. 1321. 1322. 1323. 1324. 1325. 1326. 1326. 1327. 1328. 1328. 1329. 1329. 1330. 1331. 1332. 1333. 1334. 1335. 1336. 1336. 1337. 1338. 1338. 1339. 1339. 1340. 1341. 1342. 1343. 1344. 1345. 1346. 1346. 1347. 1348. 1348. 1349. 1349. 1350. 1351. 1352. 1353. 1354. 1355. 1356. 1356. 1357. 1358. 1358. 1359. 1359. 1360. 1361. 1362. 1363. 1364. 1365. 1366. 1366. 1367. 1368. 1368. 1369. 1369. 1370. 1371. 1372. 1373. 1374. 1375. 1376. 1376. 1377. 1378. 1378. 1379. 1379. 1380. 1381. 1382. 1383. 1384. 1385. 1386. 1386. 1387. 1388. 1388. 1389. 1389. 1390. 1391. 1392. 1393. 1394. 1395. 1396. 1396. 1397. 1398. 1398. 1399. 1399. 1400. 1401. 1402. 1403. 1404. 1405. 1406. 1406. 1407. 1408. 1408. 1409. 1409. 1410. 1411. 1412. 1413. 1414. 1415. 1416. 1416. 1417. 1418. 1418. 1419. 1419. 1420. 1421. 1422. 1423. 1424. 1425. 1426. 1426. 1427. 1428. 1428. 1429. 1429. 1430. 1431. 1432. 1433. 1434. 1435. 1436. 1437. 1437. 1438. 1439. 1439. 1440. 1440. 1441. 1442. 1443. 1444. 1445. 1446. 1446. 1447. 1448. 1448. 1449. 1449. 1450. 1451. 1452. 1453. 1454. 1455. 1456. 1456. 1457. 1458. 1458. 1459. 1459. 1460. 1461. 1462. 1463. 1464. 1465. 1466. 1466. 1467. 1468. 1468. 1469. 1469. 1470. 1471. 1472. 1473. 1474. 1475. 1476. 1476. 1477. 1478. 1478. 1479. 1479. 1480. 1481. 1482. 1483. 1484. 1485. 1486. 1486. 1487. 1488. 1488. 1489. 1489. 1490. 1491. 1492. 1493. 1494. 1495. 1496. 1496. 1497. 1498. 1498. 1499. 1499. 1500. 1501. 1502. 1503. 1504. 1505. 1506. 1506. 1507. 1508. 1508. 1509. 1509. 1510. 1511. 1512. 1513. 1514. 1515. 1516. 1516. 1517. 1518. 1518. 1519. 1519. 1520. 1521. 1522. 1523. 1524. 1525. 1526. 1526. 1527. 1528. 1528. 1529. 1529. 1530. 1531. 1532. 1533. 1534. 1535. 1536. 1536. 1537. 1538. 1538. 1539. 1539. 1540. 1541. 1542. 1543. 1544. 1545. 1546. 1546. 1547. 1548. 1548. 1549. 1549. 1550. 1551. 1552. 1553. 1554. 1555. 1556. 1556. 1557. 1558. 1558. 1559. 1559. 1560. 1561. 1562. 1563. 1564. 1565. 1566. 1566. 1567. 1568. 1568. 1569. 1569. 1570. 1571. 1572. 1573. 1574. 1575. 1576. 1576. 1577. 1578. 1578. 1579. 1579. 1580. 1581. 1582. 1583. 1584. 1585. 1586. 1586. 1587. 1588. 1588. 1589. 1589. 1590. 1591. 1592. 1593. 1594. 1595. 1596. 1596. 1597. 1598. 1598. 1599. 1599. 1600. 1601. 1602. 1603. 1604. 1605. 1606. 1606. 1607. 1608. 1608. 1609. 1609. 1610. 1611. 1612. 1613. 1614. 1615. 1616. 1616. 1617. 1618. 1618. 1619. 1619. 1620. 1621. 1622. 1623. 1624. 1625. 1626. 1626. 1627. 1628. 1628. 1629. 1629. 1630. 1631. 1632. 1633. 1634. 1635. 1636. 1636. 1637. 1638. 1638. 1639. 1639. 1640. 1641. 1642. 1643. 1644. 1645. 1646. 1646. 1647. 1648. 1648. 1649. 1649. 1650. 1651. 1652. 1653. 1654. 1655. 1656. 1656. 1657. 1658. 1658. 1659. 1659. 1660. 1661. 1662. 1663. 1664. 1665. 1666. 1666. 1667. 1668. 1668. 1669. 1669. 1670. 1671. 1672. 1673. 1674. 1675. 1676. 1676. 1677. 1678. 1678. 1679. 1679. 1680. 1681. 1682. 1683. 1684. 1685. 1686. 1686. 1687. 1688. 1688. 1689. 1689. 1690. 1691. 1692. 1693. 1694. 1695. 1696. 1696. 1697. 1698. 1698. 1699. 1699. 1700. 1701. 1702. 1703. 1704. 1705. 1706. 1706. 1707. 1708. 1708. 1709. 1709. 1710. 1711. 1712. 1713. 1714. 1715. 1716. 1716. 1717. 1718. 1718. 1719. 1719. 1720. 1721. 1722. 1723. 1724. 1725. 1726. 1726. 1727. 1728. 1728. 1729. 1729. 1730. 1731. 1732. 1733. 1734. 1735. 1736. 1736. 1737. 1738. 1738. 1739. 1739. 1740. 1741. 1742. 1743. 1744. 1745. 1746. 1746. 1747. 1748. 1748. 1749. 1749. 1750. 1751. 1752. 1753. 1754. 1755. 1756. 1756. 1757. 1758. 1758. 1759. 1759. 1760. 1761. 1762. 1763. 1764. 1765. 1766. 1766. 1767. 1768. 1768. 1769. 1769. 1770. 1771. 1772. 1773.

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
40630	7	7467	0	40846	435120	
40630	40708		100	41118	43200	
			200	41220	42920	
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Hydrog. No. 5777 Date, 11/1/2, 1912  
 Sdg. Meth. 7.1 Reel 7.1. Shot 3.2 lbs.  
 Turn: 54 Cor'n Depth 26 fms.  
 Sdg. Cup 1.00' Amt. Bot'm Sample  
 Character of Bottom 97% s.s.  
 Thermom. Make Instr.  
 No. Cor'n Stem.  
 Bottom Reading Cor'n Temp.  
 Temp. Surf. 54° Time 57.360 Air 58°  
 Time  
 Density: Surf. fms.  
 Wind: Direction S.E. Force 1-2  
 Baromet. 30.17 Amt. of Clouds 7 State of Sea  
 Weather beg.  
 Direction and Force of Current Surface  
 of Current Bottom  
 Tide  
 General Locality  
 Position Yaquina Light bears S80°E (true) distant 2.8 miles  
 Chart used: No. 6000 Ed'n  
 Drift: Direction Distance  
 Depth of Haul bottom  
 Apparatus and Rig used 6 yds. 5 ft. 10 in.,  
 2 beam trawl weighing 15 lbs. 4 cod end ports,  
 150' wire  
 Time towing h. m.  
 Remarks: To be continued  
 100 fathoms 15 miles west  
 100 fathoms

## SOUNDING WIRE.

<u>P</u> M. DOWN.	UP.	<u>P</u> M.
5 04 08	-	5 05 10
5 07 25	-	5 04 40

FMS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

## DREDGING CABLE.

<u>P</u> M. DOWN.	UP.	<u>P</u> M.
5 08 30	-	5 35 00
5 14 35	-	5 30 00

19.

Hydrog. No. 5718 Date, 11/11/18, 1914

Sdg. Mch. 12 Reel 1, Shot 32 lbs.

Turns 61 Cor'n Depth 33 fms.

Sdg. Cup ~~6.0~~ Amt. Bot'm SampleCharacter of Bottom ~~dry sand~~

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 61.1° Time 6:10 AM { Air 57.2°  
Time

Density: Surf. fms.

Wind: Direction N.E. Force 1-2

Baromet. 30.14 Amt. of Clouds 4 State of Sea 4

Weather ~~W.C.~~Direction and Force { Surface  
of Current. Bottom

Tide

General Locality

Position Yaguina Light bears N 75° E (true) distance

Chart used: No. 6008 Ed'n 4.0 miles

Drift: Direction Distance

Depth of Haul 50 fms.

Apparatus and Rig used 100 lbs. lead  
100 fathoms wire, 1/2 in. diameter

200 fathoms wire, 1/2 in. diameter

Time towing h. 18-1/2 m.

Remarks: 15' to 15' 1/2 distance with  
100 fathoms wire.

Deck Officer Recorder 11-4023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
5	52 20	5 53 40	0	5 54 20	6 20 20	
5	52 40	5 53 20	100	6 69 20	6 16 50	
			200	6 00 20	6 16 00	
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Brake } No. 719 Date, Sept. 3, 1911  
Hydrog. }  
Sdg. Mch. T N Reel 7 lbs.

Turns Cor'n Depth fms.

Sdg. Cup Corning Amt. Bot'm Sample

Character of Bottom Grey sand

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp. fms.

Temp. Surf. { Time Cor'd Temp. fms.  
Temp. Surf. { Time fms.

Density: Surf. fms.

Wind: Direction S E Force

Baromet. 30.20 Amt. of Clouds 8 State of Sea.

Weather S C F

Direction and Force { Surface  
of Current. { Bottom

Tide

General Locality S. V. G.

Position Yagima Light bears N75°E (true) distant 4.0 miles

Chart Used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Hail

Apparatus and Rig used

Time towing h. m.

Remarks:

SOUNDING WIRE.		FMS.	DREDGING CABLE.	
M. DOWN.	UP.	M.	M. DOWN.	UP. M.
54.7	1546	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
2-6	2760	800		
		900		
7	40°	3.3	1000	
8	-	2.5	1100	
9	-	4.0	1200	
10	-	5.0	1300	
11	-	3.9	1400	
12	-	1.5	1500	
13	-	1.0	1600	Set NW
14	-	2.0	1700	Set S
15	-	2.3	1800	Set S
16	-	1.0	1900	
17	-	4.0	2000	
18	-	7.0	2100	
19	-	5.0	2200	
			2300	
			2400	
			2500	
			2600	
			2700	
			2800	
			2900	
			3000	
			3100	
			3200	
			3300	
			3400	
			3500	
			3600	
			3700	
			3800	
			3900	
			4000	
			4100	
			4200	
			4300	
			4400	
			4500	
			4600	
			4700	
			4800	
			4900	

Hydrog. } No. 110 Date, Sept. 15, 1911  
Sdg. Mch. 74 Reel 7 N Shot 32 lbs.  
Turns Cor'n Depth 40 fms.  
Sdg. Cup Amt. Bot'm Sample  
Character of Bottom Firm Gray Sand

Thermom. { Make Cor'n { Instr. ....  
No. Cor'n { Stem. ....

Bottom Reading Cor'd Temp. ....  
Temp. Surf. { 50 Time 666 } Air { 50  
Time . }

Density: Surf. fms.

Wind: Direction N 2 Force 2  
Baromet. 30.20 Amt. of Clouds 8 State of Sea 5  
Weather

Direction and Force of Current { Surface  
Bottom

Tide

General Locality

Position Yaguina Light bears N 85° E (true)  
Chart used: No. 1600 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
6	06	608	0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

13 Dredge } No. 597 Date, Aug 11, 1915  
Hydrog. }

Sdg. Mch. T 11 Reel T N Shot } 3 lbs.  
Turns Cor'n Depth 50 fms.

Sdg. Cup Wining Amt. Bot'm Sample

Character of Bottom Grey Sand

Thermom. { Make Cor'n { Instr.  
No. Cor'n Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 51 Time 6.24 } Air {  
Time

Density: Surf. fms.

Wind: Direction S E Force 1

Baromet. 30.20 Amt. of Clouds 8 State of Sea

Weather fcf

Direction and Force { Surface  
of Current. Bottom

Tide.

General Locality Off. Cowl

Position Yazmna Light bears N85½° E (true) distant 7.5 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing: h. m.

Remarks:

Deck Officer

Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M.	UP.	M.
624	62530		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 19  
Hydrog } Date, 19  
Sdg. Mch. T N Reel T N Shot } lbs.  
Turns Cor'n Depth fms.  
Sdg. Cup Amt. Bot'm Sample  
Character of Bottom  
Thermom. { Make Cor'n { Instr.  
No. Stem.

Bottom Reading Cor'd Temp.  
Temp. Surf. { 52 Time 6.41 { Air  
Time

Density: Surf. fms.  
Wind: Direction S E Force /  
Baromet. 30.21 Amt. of Clouds / State of Sea /  
Weather

Direction and Force { Surface  
of Current. Bottom

Tide

General Locality

Position Yaguina Light bears N 86° E (true) distinct  
Chart used: No. 6000 Ed'n 8.5 miles

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer

Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
41	6	43	0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

5  
Dredge } No. 5723 Date, Sept. 19  
Hydrog. }  
Sdg. Mch. T N Reel TN Shot  
lbs.

Turns Cor'n Depth 4 fms.

Sdg. Cup ~~Wining~~ Amt. Bot'm Sample

Character of Bottom Grey Sand

Thermom. { Make Cor'n { Instr.  
No. Cor'n { Stem.

Bottom Reading Cor'd. Temp.

Temp. Surf. { Time { Cor'd. Temp.  
Time { .fir {

Density: Surf. fms.

Wind: Direction S E Force 1

Baromet. 29.91 Amt. of Clouds 9 State of Sea 6

Weather ~~W C~~

Direction and Force { Surface  
of Current. { Bottom

Tide

General Locality

Position Yaquina Light bears N86°2'E (true) distant  
Chart used: No. 6000 Ed'n 7.5 miles

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M.	DOWN.	UP.		M.	UP.	M.
6	59	701	0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 19  
Hydrog. } Date, 19  
Sdg. Mech. Reel 1 Shot } Lead lbs.  
Turns Cor'n Depth 45 fms.  
Sdg. Cup Armenia Amt. Bot'm Sample  
Character of Bottom

Thermom. { Make Cor'n { Instr.  
No. Cor'n { Stem.

Bottom Reading Cor'd Temp.  
Temp. Surf. { 52 Time 7.18 } Air { 52  
Time

Density: Surf. fms.

Wind: Direction N.E. Force 1

Baromet. 30.21 Amt. of Clouds 9 State of Sea G

Weather Be F

Direction and Force { Surface  
of Current. Bottom

Tide

General Locality Oregon Coast

Position Yaquina Light bears N87°E (true) distant 10.5 miles

Chart used: No. 6060 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder 11-1023

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
M. DOWN.	UP.		M.	UP.	M.
7720	719	0			
		100			
		200			
		300			
		400			
		500			
		600			
		700			
		800			
		900			
		1000			
		1100			
		1200			
		1300			
		1400			
		1500			
		1600			
		1700			
		1800			
		1900			
		2000			
		2100			
		2200			
		2300			
		2400			
		2500			
		2600			
		2700			
		2800			
		2900			
		3000			
		3100			
		3200			
		3300			
		3400			
		3500			
		3600			
		3700			
		3800			
		3900			
		4000			
		4100			
		4200			
		4300			
		4400			
		4500			
		4600			
		4700			
		4800			
		4900			

7. Dredge No. 5725 Date, Jan 13, 1914  
Hydrog. Sdg. Mch. Reel 750 Shot & Lead 10 lbs.  
Turns 48 Cor'n Depth 48 fms.  
Sdg. Cup Amt. Bot'm Sample  
Character of Bottom  
Thermom. { Make ✓ Cor'n { Instr. ✓  
No. Stem  
Bottom Reading Cor'd Temp.  
Temp. Surf. { Time Time } Air  
Wind: Direction S E Force  
Baromet. 30.00 Amt. of Clouds 10 State of Sea  
Weather of  
Direction and Force { Surface  
of Current. Bottom  
Tide  
General Locality Oregon Coast  
Position Yaquina Light bears 577° E (true) distant 8.7 miles  
Chart used: No. 6200 Ed'n  
Drift: Direction Distance  
Depth of Haul  
Apparatus and Rig used  
Time towing h. m.  
Remarks:  
Deck Officer *John P. Miller* Recorder *John P. Miller* 11-1023

SOUNDING WIRE.		FMS.	DREDGING CABLE.	
M. DOWN.	UP.		M.	UP.
7	7	0	0	0
7	7	100	100	100
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
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		2400		
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		
		4100		
		4200		
		4300		
		4400		
		4500		
		4600		
		4700		
		4800		
		4900		

Dredge } No. 5716 Date, Sept. 3, 1915  
Hydrog. }  
Sdg. Mch. 77 Reel 1 Shear Leads 2 lbs.  
Turns 94 Cor'n Depth 50 fms.  
Sdg. Cup Diving Amt. Bot'm Sample  
Character of Bottom 100 fms.  
Thermom. { Make Instr.  
No. Cor'n { Stem.  
Bottom Reading Cor'd. Temp.  
Temp. Surf. { Time } Air {  
Time  
Density: Surf. fms.  
Wind: Direction SE Force 1  
Baromet. 30.05 Amt. of Clouds 10 State of Sea  
Weather of

Direction and Force { Surface  
of Current. { Bottom

Tide ..

General Locality Oregon Coast

Position Yaquina Light bear. S 60% E (true) distant 8.0 miles  
Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul ..

Apparatus and Rig used ..

Time towing h. m.

Remarks:

Deck Officer W.C. Miller Recorder G. F. Smith  
11-1023

SOUNDING WIRE		FMS.	DREDGING CABLE	
M. DOWN.	UP.	M.	M.	UP.
8 49 15	8 49 22	0		
8 50 00	8 50 05	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		
		4100		
		4200		
		4300		
		4400		
		4500		
		4600		
		4700		
		4800		
		4900		

9.  
Dredge } No. 5727 Date, Se., 19.  
Hydrog. } Reel TN Shot } lbs.  
Sdg. Mch. TN Leads  
Turns 110 Cor'n Depth fms.  
Sdg. Cup 1 Min. Amt. Bot'm Sample  
Character of Bottom *Fn. 54 S. Shallow sandy*  
Thermom. { Make Cor'n { Instr.  
No. Cor'n Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time } Air  
Time

Density: Surf. fms.

Wind: Direction Force /

Baromet. 30.25 Amt. of Clouds 10 State of Sea G.

Weather C.

Direction and Force { Surface  
of Current. { Bottom

Tide

General Locality *Off coast of California*

Position *Yerba Buena Light bears SH 37° E (true) distance 100.0 miles*

Chart used: No. 1 Ed'n 100.0 miles

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer *Mr. D. M. ...* Recorder *John ...* 11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
0						
100						
200						
300						
400						
500						
600						
700						
800						
900						
1000						
1100						
1200						
1300						
1400						
1500						
1600						
1700						
1800						
1900						
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2400						
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2600						
2700						
2800						
2900						
3000						
3100						
3200						
3300						
3400						
3500						
3600						
3700						
3800						
3900						
4000						
4100						
4200						
4300						
4400						
4500						
4600						
4700						
4800						
4900						

10.

Hydrog. } No. 528. Date, Oct 2, 1912  
 Hydrog. } Sdg. Mech. 775 Reel 715 Sheet } 32 lbs.  
 Turns 98 1/2 Cor'n. Depth 53 fms.  
 Sdg. Cup Amt. Bot'm Sample  
 Character of Bottom S

Thermom. { Make Cor'n { Instr.  
 Thermom. { No. Cor'n { Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time } Air {  
 Temp. Surf. { Time } Air {  
 Time

Density: Surf. fms.

Wind: Direction S E Force 1

Baromet. 30.25 Amt. of Clouds State of Sea

Weather

Direction and Force of Current { Surface  
 of Current { Bottom

Tide

General Locality Oregon Coast

Position Yaquina Light bears S 20 1/2 E (true) distance

Chart used: No. 6000 Ed'n 12.7 miles

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer *[Signature]* Recorder *[Signature]* 11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
10	05	10	0			
10	06	10	100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

11.

Hydrog. No. 5729 Date, Sept. 3, 1914  
 Sdg. Mch. 715 Reel 71 Shot 32 lbs.

Turns 65 Cor'n. Depth 35 fms.

Sdg. Cup *Arrived* Amt. Bot'm Sample

Character of Bottom

Thermom. { Make ✓ Cor'n { Instr.  
 No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time Time { Air

Density: Surf. fms.

Wind: Direction E Force

Baromet. 30.04 Amt. of Clouds 9 State of Sea

Weather *bc*

Direction and Force of Current { Surface  
 of Current Bottom

Tide

General Locality

Position *Yaguina Light bears S80°E (true)* distinct

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer *Mr. J. A. [unclear] Recorder* *Geo. T. [unclear]*  
 11-1023

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
M.	DOWN.	UP.	M.		M.	DOWN.	UP.	M.
10	42	40	10	43	50			
10	83	05	10	42	07			
				0				
				100				
				200				
				300				
				400				
				500				
				600				
				700				
				800				
				900				
				1000				
				1100				
				1200				
				1300				
				1400				
				1500				
				1600				
				1700				
				1800				
				1900				
				2000				
				2100				
				2200				
				2300				
				2400				
				2500				
				2600				
				2700				
				2800				
				2900				
				3000				
				3100				
				3200				
				3300				
				3400				
				3500				
				3600				
				3700				
				3800				
				3900				
				4000				
				4100				
				4200				
				4300				
				4400				
				4500				
				4600				
				4700				
				4800				
				4900				

Hydrog. } No. 11155 Date, Oct. 19, 1911

Sdg. Mch. 71 Reel 1 Shot Lead 3 lbs.

Turns 79 Cor'n Depth 43 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom ~~on S~~

Thermom. { Make Cor'n { Instr. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time { Air

Density: Surf. fms.

Wind: Direction S E Force 1

Baromet. 30.22 Amt. of Clouds 6 State of Sea

Weather ~~72~~

Direction and Force of Current { Surface Bottom

Tide

General Locality Oceano. Ind.

Position Cape Kiwanda bears N23 $\frac{1}{2}$ E (true) distant

Chart used: No. 6000 Ed'n 14.8 miles

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. M. J. G. Recorder

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.	M.	UP.	M.
11 70	11 20	0			
11 72	11 22	100			
		200			
		300			
		400			
		500			
		600			
		700			
		800			
		900			
		1000			
		1100			
		1200			
		1300			
		1400			
		1500			
		1600			
		1700			
		1800			
		1900			
		2000			
		2100			
		2200			
		2300			
		2400			
		2500			
		2600			
		2700			
		2800			
		2900			
		3000			
		3100			
		3200			
		3300			
		3400			
		3500			
		3600			
		3700			
		3800			
		3900			
		4000			
		4100			
		4200			
		4300			
		4400			
		4500			
		4600			
		4700			
		4800			
		4900			

13. Set.

Dredge } No. 52 Date, 11/11/11, 2, 1911  
Hydrog. } 775 Reel 775 Shot } 15 lbs.  
Sdg. Mch. } Turns 84 Cor'n Depth 45 fms.  
Sdg. Cup Aranina Amt. Bot'm Sample  
Character of Bottom

Thermom. { Make Cor'n { Instr.  
No. Stem.

Bottom Reading Cor'd Temp.  
Temp. Surf. { 53° Time 1:40 P. } Air { 58°  
Time

Density: Surf. fms.

Wind: Direction SE Force 1  
Baromet. 30.24 Amt. of Clouds 8 to 5 State of Sea

Weather

Direction and Force { Surface  
of Current. Bottom

Tide

General Locality

Oregon Coast

Position Cape Kiwanda bear N 25 1/2 E (true) distant 13.8 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: 11:20

5:12:40 P.

After 1" 11:32 - 2:08:40

Deck Officer 21.7 Recorder

at 7:00 a.m. 11:15 a.m. 11-1023

Estimate  
Off to Vessel

## SOUNDING WIRE.

	M. DOWN.	UP.	M.
" 3400	11	32.50	
" 3750	11	32.50	

## BEDDING TABLE.

FMS.	M. DOWN.	UP.	M.
0	137.05	150.40	
100	138.20	149.45	
200			
300			
400			
500			
600			
700	Li. 46.0° A: 48.5°		
800			
900			
1000			
1100			
1200			
1300			
1400			
1500			
1600			
1700			
1800			
1900			
2000			
2100			
2200			
2300			
2400			
2500			
2600			
2700			
2800			
2900			
3000			
3100			
3200			
3300			
3400			
3500			
3600			
3700			
3800			
3900			
4000			
4100			
4200			
4300			
4400			
4500			
4600			
4700			
4800			
4900			



## SOUNDING WIRE.

FMS.

## DREDGING CABLE.

M. Down. | Up. | M.

M. Down. | Up. | M.

11 51 20 11 52, 00 00

11 54 00 12 29 00

11 57 55 11 52, 20 00

11 58 15 12 35 00

200

12 01 00 12 31 30

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Drifters } No. 5723 Date, 19/11/1911  
 Hydrog. } Sdg. Mech. Reel 1000 Shot Lead 23 lbs.

Turns 60 Cor'n Depth 32 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom grayish

Thermom. { Make Cor'n { Instr.  
 No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 53° Time 1118 P } Air { 59°  
 Time

Density: Surf. fms.

Wind: Direction 220° Force 3/3

Baromet. 30.01 Amt. of Clouds 7 State of Sea 5/5

Weather hazy

Direction and Force of Current { Surface  
 of Current. Bottom

Tide

General Locality C. C. C. S. T.

Position Cape Kiwanda bears N 22° E (true) distant 10.5 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul bottom

Apparatus and Rig used. 6000 ft. line, 3000 ft. lead line, 1000 ft. towline.

Time towing h. 15 m.

Remarks: Sledged out to bottom and towed 10 miles with 120 fathoms.

Deck Officer J. L. Recorder G. G. 11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
P.M.	DOWN.	UP.		P.M.	DOWN.	UP.
12	47	48	12	51	10	
12	50	05	12	50	12	
			200			
			250	12	54	50
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 5734 Date, Jan 3, 1914  
 Hydrog. } Sdg. Mch. Sdg. Cup Amt. Bot'm Sample  
 Sdg. Mch. Sdg. Cup Amt. Bot'm Sample  
 Turns 56 Cor'n 30 fms.  
 Character of Bottom

Thermom. { Make Cor'n { Instr.  
 No. Cor'n { Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 53° Time 2:40 P.M. } Air { 57°  
 Time

Density: Surf. fms.

Wind: Direction N. Force 3

Baromet. 30.06 Amt. of Clouds 7 State of Sea

Weather

Direction and Force of Current { Surface  
 of Current { Bottom

Tide

General Locality C. Legome Coast

Position Cape Kiwanda bears N 20 1/2 E (line) distant 135 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul bottoms

Apparatus and Rig used 3 9' m. of 1/2" wire; 3 12' m. of 1/2" wire; 15' 1/2" wire. Time towing h. m.

Remarks:

SOUNDING WIRE			FMS.	DREDGING CABLE		
∅ M. DOWN.	Up.	∅ M.		∅ M. DOWN.	Up.	∅ M.
2 28 1	2 29 30		0	2 30 45	2 31 45	
2 28 35	2 28 50		100	2 31 47	2 31 10	
			200	2 31 10	2 31 40	
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
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			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

17  
Hydrog. No. 8735 Date, Sept. 3, 1914  
Sdg. Mch. 72 Reel 75' Shot Lead 32 lbs.

Turns 78 Cor'n Depth 42 fms.

Sdg. Cup Draining Amt. Bot'm Sample

Character of Bottom gy

Thermom. { Make Cor'n { Instr.  
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 53° Time 3:45 P.M. } Air { 57°  
Time

Density: Surf. fms.

Wind: Direction Various Force 2

Baromet. 30.55 Amt. of Clouds 7 State of Sea 3

Weather hazy

Direction and Force of Current { Surface  
Bottom

Tide

General Locality off Kiwanda

Position Cape Kiwanda bears N 34° E (true), distant 10.1 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul bottom

Apparatus and Rig used Oyster dredge, 15" diameter; 3 gill nets, 2 trawls, 2 dredges, 2 weights

Time towing h. m.

Remarks:

Deck Officer Mr. Phipps Recorder C. L. E. (11-1023)

SOUNDING WIRE.			DREDGING CABLE.		
<u>0</u>	M. DOWN.	UP.	<u>0</u>	M.	UP.
	3 40 10	3 42 00	0	3 43 40 11	07
	3 42 40	3 41 10	100	3 42 20	22
			200	3 43 10 04	33
			300		
			400		
			500		
			600		
			700		
			800		
			900		
			1000		
			1100		
			1200		
			1300		
			1400		
			1500		
			1600		
			1700		
			1800		
			1900		
			2000		
			2100		
			2200		
			2300		
			2400		
			2500		
			2600		
			2700		
			2800		
			2900		
			3000		
			3100		
			3200		
			3300		
			3400		
			3500		
			3600		
			3700		
			3800		
			3900		
			4000		
			4100		
			4200		
			4300		
			4400		
			4500		
			4600		
			4700		
			4800		
			4900		

19  
15  
Brett & Hyd. No. 576

Date,

19

Sdg. Meth.

Reel

Shot

lbs.

Turns

Cor'n

Depth 70

fms.

Sdg. Cup

Amt. Bot'm  
Sample

Character of  
Bottom

Thermom. { Make

No.

Cor'n { Instr.

Stem.

Bottom Reading

53

Time 5.03

Cor'd. Temp.

Temp. Surf. {

Time

Surf {

Time

59

Density: Surf.

fms.

Wind: Direction

Force

Baromet. 30.23

Amt. of  
Clouds

State of  
Sea

Weather

FC

Direction and Force { Surface

of Current.

Bottom

Tide

General Locality

Position Cape Rivaunda heard N 77° E (true) distant  
6.7 miles

Chart used: No. 6000 Ed'n

Drift: Direction

Distance

Depth of Haul

Apparatus and Rig used

Time towing:

h.

m.

Remarks:

Deck Officer

Recorder

11-1023

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
M. Down.	Up.	R	M.		M. Down.	Up.	R	M.
503	5	05	30	0				
				100				
				200				
				300				
				400				
				500				
				600				
				700				
				800				
				900				
				1000				
				1100				
				1200				
				1300				
				1400				
				1500				
				1600				
				1700				
				1800				
				1900				
				2000				
				2100				
				2200				
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				2400				
				2500				
				2600				
				2700				
				2800				
				2900				
				3000				
				3100				
				3200				
				3300				
				3400				
				3500				
				3600				
				3700				
				3800				
				3900				
				4000				
				4100				
				4200				
				4300				
				4400				
				4500				
				4600				
				4700				
				4800				
				4900				

19

Line-dg. } No. 3777 Date, 1/16/31, 1911  
 Hydrog. }  
 Sdg. Mech. T N Reel T N Shot } 3 lbs.  
 Turns Cor'n Depth 77 fms.  
 Sdg. Cup Winding Amt. Bot'm Sample  
 Character of Bottom Rock

Thermom. { Make Cor'n { Instr.  
 No. Stem.

Bottom Reading Cor'd Temp.  
 Temp. Surf. { Time Cor'd Temp. {  
 Time Air {

Density: Surf. fms.

Wind: Direction S E Force  
 Baromet. 30.23 Amt. of Clouds 9 State of Sea G  
 Weather

Direction and Force { Surface  
 of Current. Bottom

Tide

General Locality Off Agulhas Bank

Position Cape Kiwanda bears S70°E (true) distant 10.0 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer M. G. Wick Recorder W. C. C. P. 11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
P	M. DOWN.	UP.		M.	M.	M.
5	47	5	49	30	0	
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Drift No. 5738. Date, Sept 14, 1914

Hydrog. No. 5738. Reel No. Shot Lead lbs.

Sdg. Mch. 77 Turns Cor'n Depth 47 fms.

Sdg. Cup (1200) Int. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time Air { Time

Density: Surf. fms.

Wind: Direction S by W Force 1

Barometer 30.0 Amt. of Clouds 10 State of Sea 0

Weather Overcast

Direction and Force { Surface  
of Current. Bottom

Tide

General Locality

Position

Chart used: No. 261'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer *John W. ...* Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
A.M. DOWN.	UP.	A.M.		M. DOWN.	UP.	M.
5 11 30	5 13 00		0			
5 12 00	5 12 05		100			
			200			
			300			
			400			
			500			
			600			
2 -	10.30	-	700			
3 -	3.58°	-	800			
4 -	"	-	900			
5 -	18.30	-	1000			
6 -	3.58	-	1100			
7 -	16°	-	1200			
8 -	2.2°	-	1300			
9 -	22.30.23.	-	1400			
10 -	3.45-35	-	1500			
			1600			
			1800			
11 -	2.62°	-	2.0 m	1900		
12 -	3.90-30	-	1.0 m	2000		
13 -	2.7-1.0	-	3.9	2100		
14 -	19°	-	4.1	2200		
15 -	3.37	-	4.2 m	2300		
16 -	3.45	-	4.2 m	2400		
17 -	"	-	4.2 m	2500		
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Direction } No. 57 Date, 19  
Hydrog. }  
Sdg. Mech. 715 Reel 7.7 Shot } 1 lbs.  
Turns 7 Cor'n Depth 43 fms.  
Sdg. Cup running Amt. Bot'm Sample  
Character of Bottom in S

Thermom. { Make Cor'n { Instr.  
No. No. { Stem.

Bottom Reading Cor'd Temp.  
Temp. Surf. { Time { Air  
Time

Density: Surf. fms.

Wind: Direction S by W Force 1

Baromet. 30.02 Amt. of Clouds 10 State of Sea G

Weather 57

Direction and Force { Surface  
of Current. { Bottom

Tide

General Locality Oregon Coast

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer *W. M. Adams* Recorder *J. H. W.* 11-1023

SOUNDING WIRE.		FMS.	DREDGING CABLE.	
M. Down.	Up.	M.	M. Down.	Up.
5	24.25	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
1		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		
		4100		
		4200		
		4300		
		4400		
		4500		
		4600		
		4700		
		4800		
		4900		

2.  
Dredge } No. 571 Date, Sept 1, 1913  
Hydrog. }  
Sdg. Mch. 77 Reel 77 Shot } 3 lbs.  
Turns 8 Cor'n Depth 44 fms.

Sdg. Cup Dredging Amt. Bot'm Sample

Character of Bottom gy S

Thermom. { Make Cor'n { Instr.  
No. Cor'n { Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time { Air  
Baromet. 30.26 Amt. of Clouds 10 State of Sea 6

Density: Surf. fms.

Wind: Direction S by W Force 1

Baromet. 30.26 Amt. of Clouds 10 State of Sea 6

Weather SW

Direction and Force of Current. { Surface  
Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. M. J. Murphy Recorder J. F. Miller -  
11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
604.30	100.00	62	0			
600.00	100.00	62	100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 11 Date, 19 18  
Hydrog. }  
Sdg. Mch. Reel Shot Lead lbs.  
Turns 80 Cor'n Depth 44 fms.  
Sdg. Cup Arming Amt. Bot'm Sample  
Character of Bottom gy S

Thermom. { Make Instr.  
No. Cor'n { Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time Air  
Time

Density: Surf. fms.

Wind: Direction S by W Force 1

Baromet. 30.26 Amt. of Clouds 10 State of Sea

Weather Dull

Direction and Force of Current. { Surface  
Bottom

Tide

General Locality C. 18.50

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer 226 Recorder 11-1023

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
M. DOWN.	UP. M.		M.	UP.	M.
5 1/4	5 1/2	0			
6 1/4	6 1/2	100			
		200			
		300			
		400			
		500			
		600			
		700			
		800			
		900			
		1000			
		1100			
		1200			
		1300			
		1400			
		1500			
		1600			
		1700			
		1800			
		1900			
		2000			
		2100			
		2200			
		2300			
		2400			
		2500			
		2600			
		2700			
		2800			
		2900			
		3000			
		3100			
		3200			
		3300			
		3400			
		3500			
		3600			
		3700			
		3800			
		3900			
		4000			
		4100			
		4200			
		4300			
		4400			
		4500			
		4600			
		4700			
		4800			
		4900			

Double Hydrog. No. 77 Date, Sept 4, 1914

Sdg. Mch. 77 Reel 71 Shot Lead 32 lbs.

Turns 79 Cor'n Depth fms.

Sdg. Cup 11 Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr. fms.  
No. Cor'n Stem.

Bottom Reading Cor'd. Temp.

Temp. Surf. { Time Time { Air

Density: Surf. fms.

Wind: Direction Force

Baromet. 30.26 Amt. of Clouds 10 State of Sea

Weather

Direction and Force { Surface  
of Current. Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.		FMS.	DREDGING CABLE.	
M. DOWN.	UP.	M.	M. DOWN.	UP. M.
6 12 5 30	6 27 15	0		
6 26 00	6 26 05	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		
		4100		
		4200		
		4300		
		4400		
		4500		
		4600		
		4700		
		4800		
		4900		

6. Set.

Dredge } No. 522 Date, 1919  
Hydrog. } Reel Shot } Lead } lbs.

Turns 79 Cor'n Depth 43 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom

Thermom. { Make N. B. J. I. Cor'n { Instr.  
No. 160 Cor'n { Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 71.5 Time 21.5 Air } 32  
Time

Density: Surf. fms.

Wind: Direction S. S. Force

Baromet. 30.2 Amt. of Clouds 10 State of Sea 9

Weather

Direction and Force of Current. { Surface  
Bottom

Tide

General Locality Oregon Coast

Position Cape Meares Light bearing S 25° E (true) distant 9 m.

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:   
Fins dry at 6:49 - Hoisted at 9:30 am.  
After 6:49:30 - 9:30:30

Deck Officer Recorder 11-1023

Mr. P. J. G. G. G.

SOUNDING WIRE.		FMS.	DREDGING CABLE.	
M. DOWN.	UP.	M.	M. DOWN.	UP.
6 47	6 47	0	1	1
6 47	6 47	100	7	7
		200	100	100
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
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		2700		
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		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		
		4100		
		4200		
		4300		
		4400		
		4500		
		4600		
		4700		
		4800		
		4900		

7  
Drift or } No. 7 Date, 19. 11  
Hydrog. }

Sdg. Mch. 7 Reel Shot Lead } lbs.

Turns 2 Cor'n Depth 3 fms. fms.

Sdg. Cup Alumin Amt. Bot'm Sample

Character of Bottom fine sand.

Thermom. { Make Instr. Cor'n { Stem.  
No.

Bottom Reading Cor'd Temp.

Temp. Surf. { 54° Time 9:58a. } Air { 58°  
Time

Density: Surf. fms.

Wind: Direction N.W. Force 1

Baromet. 30. Amt. of Clouds 10 State of Sea G.

Weather G.

Direction and Force of Current. { Surface.  
Bottom

Tide

General Locality O.

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer 1st Officer Recorder Chas. B. 11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.			
AM.	DOWN.	UP.	AM.	M.	DOWN.	UP.	M.
9	20.9.	57.00	0				
9 45-5	45-5-9	56 10	100				
			200				
			300				
			400				
			500				
			600				
			700				
			800				
			900				
			1000				
			1100				
			1200				
			1300				
			1400				
			1500				
			1600				
			1700				
			1800				
			1900				
			2000				
			2100				
			2200				
			2300				
			2400				
			2500				
			2600				
			2700				
			2800				
			2900				
			3000				
			3100				
			3200				
			3300				
			3400				
			3500				
			3600				
			3700				
			3800				
			3900				
			4000				
			4100				
			4200				
			4300				
			4400				
			4500				
			4600				
			4700				
			4800				
			4900				

8  
Hydrog. No. 5745 Date, Sept. 11, 1914

Sdg. Meth. Tides Reel T. T. Shot Lead 3.0 lbs.

Turns 60 Cor'n Depth 32 fms.

Sdg. Cup Arriving Amt. Bot'm Sample

Character of Bottom gravel

Thermom. { Make Cor'n { Instr.  
No. .. Stem.

Bottom Reading Cor'd. Temp.

Temp. Surf. { 57° Time 10:16 a.m. { Air { 57°  
Time

Density: Surf. fms.

Wind: Direction N. E. Force 2

Baromet. 30.34 Amt. of Clouds 10 State of Sea

Weather

Direction and Force { Surface  
of Current. { Bottom

Tide

General Locality Ceylon Coasts

Position

Chart used: No. 2 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer: Mr. Piffle Recorder: C. G. W. (11-1023)

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
Q.	M.	DOWN.	UP.		Q.	M.	DOWN.	UP.
10	15	10	10	1630	0			
10	15	30	10	15740	100			
					200			
					300			
					400			
					500			
					600			
					700			
					800			
					900			
					1000			
					1100			
					1200			
					1300			
					1400			
					1500			
					1600			
					1700			
					1800			
					1900			
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					2200			
					2300			
					2400			
					2500			
					2600			
					2700			
					2800			
					2900			
					3000			
					3100			
					3200			
					3300			
					3400			
					3500			
					3600			
					3700			
					3800			
					3900			
					4000			
					4100			
					4200			
					4300			
					4400			
					4500			
					4600			
					4700			
					4800			
					4900			

9  
Dredge, No. 177 Date, Sept. 4, 1918  
Hydrog. Sdg. Mech. T.H. Reel T.H. Shot, 3 lbs.  
Turns 70 Cor'n Depth 40 fms.  
Sdg. Cup Crushing Amt. Bot'm Sample  
Character of Bottom Soil  
Thermom. { Make Cor'n { Instr. ....  
No. .... Stem. ....  
Bottom Reading Cor'd Temp. ....  
Temp. Surf. { 54° Time 10:45 a.m. } Air { 57°  
Time ....  
Density: Surf. fms.  
Wind: Direction N. W. Force 2  
Baromet. 30.34 Amt. of Clouds 12 State of Sea S  
Weather Cloudy

Direction and Force { Surface  
of Current. Bottom

Tide

General Locality Cape Cod

Position

Chart used: No. .... Rd'n. ....

Drift: Direction N. Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer John P. Miller Recorder C. E. Long

11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
10	41	30	10	43	00	
10	41	50	10	42	15	
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
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			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

10

Breadth } No. 6-247 Date, Jan 24, 1911  
 Hydrog. }  
 Sdg. Mech. } Reel 77 } Sheaf } 32 lbs.

Turns 29 Cor'n ..... Depth 43 fms.

Sdg. Cup 1000' Amt. Bot'm Sample

Character of Bottom 500' -

Thermom. { Make Instr.  
 No. Cor'n { Stem.

Bottom Reading ..... Cor'd Temp.

Temp. Surf. { 54° Time 11.10 a.m. } Air } 52°  
 Time ..... }

Density: Surf. fms.

Wind: Direction N. Wind Force 2-3

Baromet. 30.34 Amt. of Clouds 10 State of Sea G.

Weather

Direction and Force { Surface  
 of Current. Bottom

Tide

General Locality Cig. River

Position

Chart used: No. ..... Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing ..... h. m.

Remarks:

Deck Officer in Charge Recorder C. E. 11-1023

SOUNDING WIRE			FMS.	DREDGING CABLE		
Q M.	DOWN.	UP.		M.	UP.	M.
11	07	60	11	08	50	0
11	08	10	11	08	20	100
						200
						300
						400
						500
						600
						700
						800
						900
						1000
						1100
						1200
						1300
						1400
						1500
						1600
						1700
						1800
						1900
						2000
						2100
						2200
						2300
						2400
						2500
						2600
						2700
						2800
						2900
						3000
						3100
						3200
						3300
						3400
						3500
						3600
						3700
						3800
						3900
						4000
						4100
						4200
						4300
						4400
						4500
						4600
						4700
						4800
						4900

11  
Dredge } No. 5775 Date, Sept 4, 1914  
Hydrog. }

Sdg. Mch. 1000 Reel 1.5. Shot } 32 lbs.

Turns 80 Cor'n Depth 43 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr.  
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 57.4 Time 11:23 a.m. { Stir } 57.7  
Time

Density: Surf. fms.

Wind: Direction Force 2-3

Baromet. 30.34 Amt. of Clouds 15 State of Sea 2

Weather 03

Direction and Force of Current { Surface  
Bottom

Tide

General Locality 6 miles S. of

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mrs. M. Recorder C. C. 11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M.	DOWN.	UP.	M.	M.	UP.	M.
11	20	40	11	21	50	
11	21	10	11	21	20	
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

15.

Hydrog. No. 15744 Date, 1914, 1914

Sdg. Mech. 712 Reel 712 Shot & Leads 2 lbs.

Turns 83 Cor'n Depth 467 fms.

Sdg. Cup Draining Amt. Bot'm Sample

Character of Bottom *Loose sand*.

Thermom. { Make 70 Cor'n { Instr.  
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 54° Time 11:41 a.m. } Air { 57°  
Time

Density: Surf. fms.

Wind: Direction N.E. Force 2-3

Baromet. Amt. of Clouds 10 State of Sea

Weather *Cloudy*

Direction and Force of Current. { Surface  
Bottom

Tide

General Locality *Off New Bedford*

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer *C. L. B.* Recorder *C. L. B.* 11-1623

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
37	40	39	10	0		
38	40	38	10	100		
				200		
				300		
				400		
				500		
				600		
				700		
				800		
				900		
				1000		
				1100		
				1200		
				1300		
				1400		
				1500		
				1600		
				1700		
				1800		
				1900		
				2000		
				2100		
				2200		
				2300		
				2400		
				2500		
				2600		
				2700		
				2800		
				2900		
				3000		
				3100		
				3200		
				3300		
				3400		
				3500		
				3600		
				3700		
				3800		
				3900		
				4000		
				4100		
				4200		
				4300		
				4400		
				4500		
				4600		
				4700		
				4800		
				4900		

Hydrog. No. 5750 Date, Oct. 6, 1911

Stg. Mch. T N. Reel T N Shot 32 lbs.

Turns Cor'n Depth 24 fms.

Stg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr. Cor'n { Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 54 Time 12:10 } Air { 56  
Time

Density: Surf. fms.

Wind: Direction S W Force 3

Baromet. 30.33 Amt. of Clouds 10 State of Sea 6

Weather  $\textcircled{C}$

Direction and Force { Surface  
of Current. Bottom

Tide

General Locality Baja California

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks

Deck Officer Recorder

## SOUNDING WIRE.

M. Down.	UP.	M.
12	10	30

FMS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

## DREDGING CABLE.

M. Down.	UP.	M.
----------	-----	----

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

14 Oct  
Brdg. No. 951 Date, 1911  
Hydrog. Sdg. Mch. T N Reel T N Shot 52 lbs.

Turns Cor'n Depth 56 fms.

Sdg. Cup Arriving Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr. ....  
{ No. Cor'n { Stem. ....

Bottom Reading Cor'd Temp.

Temp. Surf. { 54 Time 12.27 } Cor'd Temp. 57  
{ Time Air { 3

Density: Surf. fms.

Wind: Direction S. W Force 3

Baromet. 30.33 Amt. of Clouds 10 State of Sea ✓

Weather C

Direction and Force { Surface ....  
of Current. { Bottom ....

Tide

General Locality Off Tillamook Light

Position Tillamook Light bears NNE 5 (true)

Chart used: No. 6108 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

11:30 AM

11:49 AM

Deck Officer Recorder

## SOUNDING WIRE.

M. DOWN. | UP. | M.

FMS.

## DREDGING CABLE.

M. DOWN. | UP. | M.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Hydrog. No. Date, 19/12  
Sdg. Mech. T. N. Reel T N Shot } 3 lbs.  
Turns Cor'n Depth 44 fms.  
Sdg. Cup Orning Amt. Bot'm Sample

Character of Bottom Grey sand

Thermom. { Make Cor'n { Instr.  
No. Stem.

Bottom Reading Cor'd. Temp.

Temp. Surf. { 55 Time { Time { Air

Density: Surf fms.

Wind: Direction N Force 2

Baromet. Amt. of Clouds 11 State of Sea

Weather

Direction and Force { Surface  
of Current. { Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mexican Recorder C.R.C.

SOUNDING WIRE.		FMS.	DREDGING CABLE.	
M. Down.	Up.	M.	M.	Up.
52 30	3 54 30	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
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		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		
		4100		
		4200		
		4300		
		4400		
		4500		
		4600		
		4700		
		4800		
		4900		

16. 1906  
Dynam. No. 575 Date, Sept. 4  
Hydrog. No. 71 Reel 71 Short Leads 2 lbs.  
Sdg. Mch. 71 Cor'n 71 fms.  
Sdg. Cup 71 Amt. Bot'm Sample

Character of Bottom. 71.3

Thermom. { Make 61 Cor'n { Instr. \_\_\_\_\_  
{ No. \_\_\_\_\_ Stem. \_\_\_\_\_

Bottom Reading Cor'd Temp.

Temp. Surf. { Time \_\_\_\_\_ { Air \_\_\_\_\_  
{ Time \_\_\_\_\_ }

Density: Surf. fms.

Wind: Direction NW, N Force 2

Baromet. 30.36 Amt. of Clouds 10 State of Sea 5

Weather 0

Direction and Force { Surface \_\_\_\_\_  
of Current. { Bottom \_\_\_\_\_

Tide \_\_\_\_\_

General Locality Ocean Coast

Position

Chart used: No. \_\_\_\_\_ Ed'n \_\_\_\_\_

Drift: Direction \_\_\_\_\_ Distance \_\_\_\_\_

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. W. H. \_\_\_\_\_ Recorder J. T. \_\_\_\_\_  
11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
1151	60	122	0			
1135	60	117	100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

17.

Dredge } No. 5752 Date, 11/14/14  
 Hydrog. } 17' Reel 15' Shot } 5 lbs.  
 Sdg. Mch. 17' Cor'n Depth 47 fms.  
 Turns 77 Cor'n Amt. Bot'm Sample  
 Sdg. Cup Alum. Character of Bottom  
 Thermom. { Make Cor'n { Instr.  
 { No. Cor'n { Stem.  
 Bottom Reading Cor'd. Temp.  
 Temp. Surf. { Time Cor'd. Temp. { Air  
 { Time  
 Density: Surf. fms.  
 Wind: Direction 77 Force 3  
 Baromet. 30.36 Amt. of Clouds 10 State of Sea  
 Weather 0  
 Direction and Force { Surface  
 of Current. { Bottom  
 Tide  
 General Locality Ocean Coast  
 Position  
 Chart used: No. Ed'n  
 Drift: Direction Distance  
 Depth of Haul  
 Apparatus and Rig used  
 Time towing h. m.  
 Remarks:  
 Deck Officer W. F. Kinney Recorder 977177-  
 11-1023

SOUNDING WIRE.		FMS.	DREDGING CABLE.	
M. DOWN.	UP.		M.	M.
5 07 25	5 09 20	0		
5 08 00	5 08 10	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		
		4100		
		4200		
		4300		
		4400		
		4500		
		4600		
		4700		
		4800		
		4900		

18

Drifts } No. 5715 Date, Sept 1, 1910  
 Hydrog. }  
 Sdg. Mech. T 7 Reel 775 Shot 32 lbs.

Turns 57 Cor'n Depth 41 fms.

Sdg. Cup Current Amt. Bot'm Sample

Character of Bottom — —

Thermom. { Make Instr.  
 No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time } Air { Time }

Density: Surf. fms.

Wind: Direction WNW Force 8

Baromet. 30.26 Amt. of Clouds 10 State of Sea 9

Weather 0

Direction and Force { Surface  
 of Current. Bottom

Tide

General Locality Oregon Coast

Position

Chart used: No. Edd'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: Sledging was continued while working while heaving in.

Deck Officer Mr. Mathews Recorder 1577 —  
 11-1023

SOUNDING WIRE		FMS.	DREDGING CABLE	
M. DOWN.	UP.		M.	M.
5	473 70	0		
5	473 70	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		
		4100		
		4200		
		4300		
		4400		
		4500		
		4600		
		4700		
		4800		
		4900		

19.  
Hydrog. No. 5703 Date, Sept 4, 1911  
Sdg. Mch. 77 Reel 71 Shot} 32 lbs.  
Turns 67 Cor'n Depth 36 fms.  
Sdg. Cup 0 Amt. Bot'm Sample

Character of Bottom Clay Cor'n 3  
Thermom. { Make U Cor'n { Instr.  
No. 1 Stem.

Bottom Reading Cor'd Temp.  
Temp. Surf. { Time } Air {  
Time

Density: Surf. fms.

Wind: Direction SW by W Force 2

Baromet. 30.05 Amt. of Clouds 7 State of Sea G

Weather Sc

Direction and Force of Current { Surface  
Bottom

Tide

General Locality Oregon Coast

Position

Chart used: No. 1 Ed'n 1

Drift: Direction SW Distance 10 miles

Depth of Haul 36 fms.

Apparatus and Rig used

Time towing 1 h. 0 m.

Remarks:

Deck Officer A. J. Murray Recorder A. P. Murray 11-1023

## SOUNDING WIRE.

M. Down.	UP.	M.
6	12	00
6	18	20
6	20	6
6	12	12

FMS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

## DREDGING CABLE.

M. Down. | UP. \_\_\_\_ M.

Dredge } No. 5757. Date, Sept. 6, 1911.  
Hydrog. }  
Sdg. Mch. Tid. Reel 1. 1. Shot } 2 lbs.  
Turns 57 Cor'n. Depth 27 fms.  
Sdg. Cup Dredging Amt. Bot'm Sample  
Character of Bottom

Thermom. { Make Cor'n { Instr.  
No. Cor'n { Stem.

Bottom Reading Cor'd. Temp.  
Temp. Surf. { 51° Time 7:12 a.m. } Air } 56°  
Time

Density: Surf. fms.  
Wind: Direction N.W. Force 1-2  
Baromet. 30.30 Amt. of Clouds 9 State of Sea  
Weather

Direction and Force { Surface  
of Current. Bottom

Tide

General Locality 121

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer No. 1 Recorder C. J. 11-2025

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
9 M. DOWN.	UP.	9 M.		M. DOWN.	UP.	M.
7 10 30	7 11 40		0			
7 10 55	7 11 10		100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Shoal Water 49°

96-30/203 7.8 m

course 282°

230°

58°

33.15

290°

313°

"

3. 800

3. 900

3. 1000

2. 1100

2. 1200

1. 1300

1. 1400

2. 1500

2. 1600

2. 1700

2. 1800

2. 1900

2. 2000

2. 2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

2.  
Dredge } No. 5758 Date, Sept 5, 1914  
Hydrog. }  
Sdg. Mch. T H Reel T H Shot } 32 lbs.  
Turns 66 Cor'n Depth 26 fms.  
Sdg. Cup Arising Amt. Bot'm Sample

Character of Bottom fine silt

Thermom. { Make Cor'n { Instr.  
No. Cor'n { Stem.

Bottom Reading Cor'd Temp.  
Temp. Surf. { 67° Time 7:38 a.m. } Air { 56°  
Time

Density: Surf. fms.

Wind: Direction N.W. Force 1-2

Baromet. 30.30 Amt. of Clouds 9 State of Sea S

Weather fog

Direction and Force of Current { Surface  
Bottom

Tide

General Locality ?

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Phipps Recorder C. E. O. Long  
11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
9 M. DOWN.	UP.	9 M.		M. DOWN.	UP.	M.
7	35-10	7	0			
7	35-40	7	100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
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			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

